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*8-29 84*

## RMI Company

P. O. BOX 269  
1000 WARREN AVENUE  
NILES, OHIO 44446  
216/652-9951 TWX 810-436-2600

August 24, 1984

Ms. Christine Frazier  
Ohio EPA  
Environmental Scientist  
Division of Hazardous Materials Management  
Northeast District Office  
2110 E. Aurora Road  
Twinsburg, Ohio 44087-1969

EPA Region 5 Records Ctr.



322535

Dear Ms. Frazier:

RMI Company - Sodium Plant (EPA I.D. Number OHD000810242) would like to submit at this time a modification to its Part A - Hazardous Waste Permit Application. Changes were made in Items III.C. and IV of Form 3, and the Plot Plan to show installation of the New Sodium Burning Facility.

Official closure of the existing burning facilities will take place after the new burning room becomes operational.

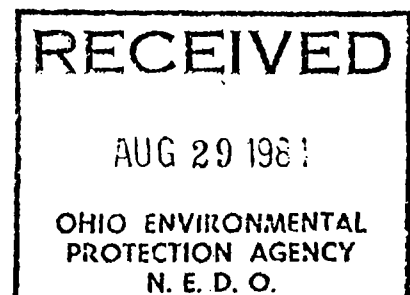
I am also enclosing a copy of the Sodium Plant's Application for Renewal of Hazardous Waste Operation Permit.

Sincerely,

*Joe T. Holman*

Joe T. Holman  
Supervisor-Environmental Control

Enclosures



U.S. ENVIRONMENTAL PROTECTION AGENCY  
HAZARDOUS WASTE PERMIT APPLICATION  
Consolidated Permits Program  
(This information is required under Section 3005 of RCRA.)

EPA I.D. NUMBER

FOHDO00810242

## FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)

COMMENTS

## II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

## A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

☒ 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)☐ 2. NEW FACILITY (Complete item below.)

FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)

YR.	MO.	DAY
8	50	06

YR.	MO.	DAY

FOR NEW FACILITIES PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN

## B. REVISED APPLICATION (place an "X" below and complete Item I above)

☐ 1. FACILITY HAS INTERIM STATUS☐ 2. FACILITY HAS A RCRA PERMIT

## III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS
TANK	S02	GALLONS OR LITERS
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS

Disposal:		
INJECTION WELL	D79	GALLONS OR LITERS
LANDFILL	D80	ACRE-Feet (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER
LAND APPLICATION	D81	ACRES OR HECTARES
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Treatment:		
TANK	T01	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY

UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G
LITERS	L
CUBIC YARDS	Y
CUBIC METERS	C
GALLONS PER DAY	U

UNIT OF MEASURE	UNIT OF MEASURE CODE
LITERS PER DAY	V
TONS PER HOUR	D
METRIC TONS PER HOUR	W
GALLONS PER HOUR	E
LITERS PER HOUR	H

UNIT OF MEASURE	UNIT OF MEASURE CODE
ACRE-Feet	A
HECTARE-METER	F
ACRES	B
HECTARES	Q

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY	FOR OFFICIAL USE ONLY	LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY	FOR OFFICIAL USE ONLY
		1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)			1. AMOUNT	2. UNIT OF MEASURE (enter code)
X-1	S 0 2	600	G	5			
X-2	T 0 3	20	E	6			
1	T 0 4	230	U	7			
2	S 0 3	40	Y	8			
3				9			
4				10			

**RECEIVED**

AUG 29 1984

OHIO ENVIRONMENTAL PROTECTION AGENCY

N. E. D. O.

### III. PROCESSES (continued)

C. SPACE FOR ADDITIONAL PROCESS DESCRIPTIONS OR FOR DESCRIBING OTHER PROCESSES (Use "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

Line No. 1 - T04 -- Burning Room - Burning of sodium/calcium residue -- 1,700#/day

### IV. DESCRIPTION OF HAZARDOUS WASTES

A. EPA HAZARDOUS WASTE NUMBER — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

B. ESTIMATED ANNUAL QUANTITY — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE CODE  
POUNDS . . . . . P  
TONS . . . . . T

METRIC UNIT OF MEASURE CODE  
KILOGRAMS . . . . . K  
METRIC TONS . . . . . M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

#### D. PROCESSES

##### 1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above

EPA I.D. NUMBER (enter from page 1)													FOR OFFICIAL USE ONLY												
W O H D 0 0 0 8 1 0 2 4 2													W DUP												
IV. DESCRIPTION OF HAZARDOUS WASTES (continued)																									
WASTE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES																					
				1. PROCESS CODES (enter)																					
				2. PROCESS DESCRIPTION (if a code is not entered in D(1))																					
1	D 0 0 3	24,000	P	T 0 4	Burning of sodium/calcium residue - Burning Room																				
2	D 0 0 5	3,800,000	P	S 0 3																					
3																									
4																									
5																									
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**IV. DESCRIPTION OF HAZARDOUS WASTES (continued)****E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) PAGE 3.**

EPA I.D. NO. (enter from page 1)

S	F	O	H	D	0	0	0	8	1	0	2	4	2	T/A	C
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

**V. FACILITY DRAWING**

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

**VI. PHOTOGRAPHS**

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

**VII. FACILITY GEOGRAPHIC LOCATION**

LATITUDE (degrees, minutes, &amp; seconds)

4	1	5	4	0	0	2
65	66	67	68	69	70	71

LONGITUDE (degrees, minutes, &amp; seconds)

8	0	4	6	0	2	1
72	73	74	75	76	77	78

**VIII. FACILITY OWNER**
☐ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code &amp; no)

C	E	12	16	55	58	59	39	61	62
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3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

C	F	12	16	45	15	16	40	41	42	47	51
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**IX. OWNER CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

R. J. Gerardy  
Vice President - Engineering

B. SIGNATURE

R. J. Gerardy

C. DATE SIGNED

8/27/84

**X. OPERATOR CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

R. J. Gerardy  
Vice President - Engineering

B. SIGNATURE

R. J. Gerardy

C. DATE SIGNED

8/27/84

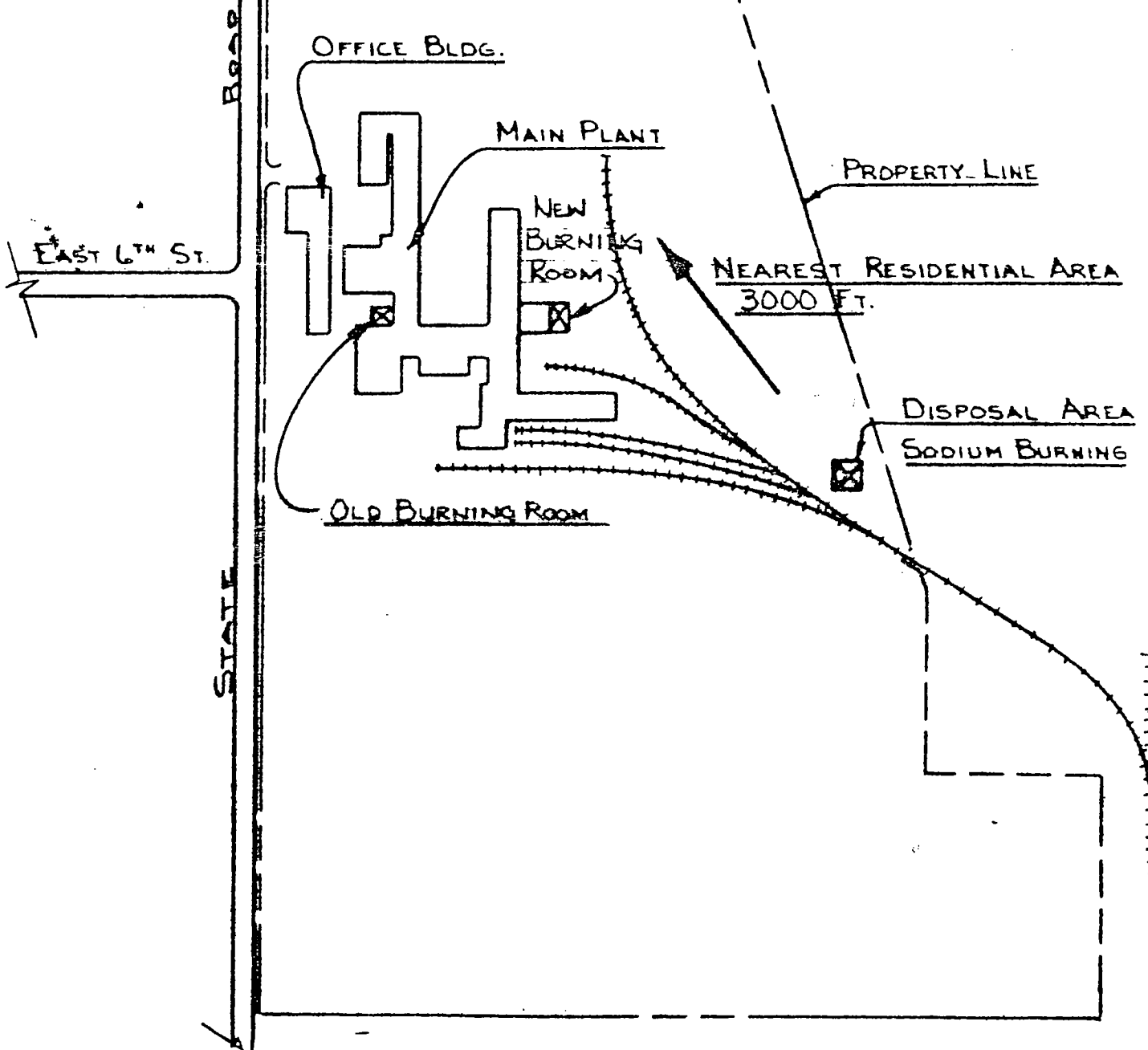


RMI COMPANY	
PLOT PLAN	
SODIUM PLANT PROPERTY	
DWG -	
GEJ	5/80

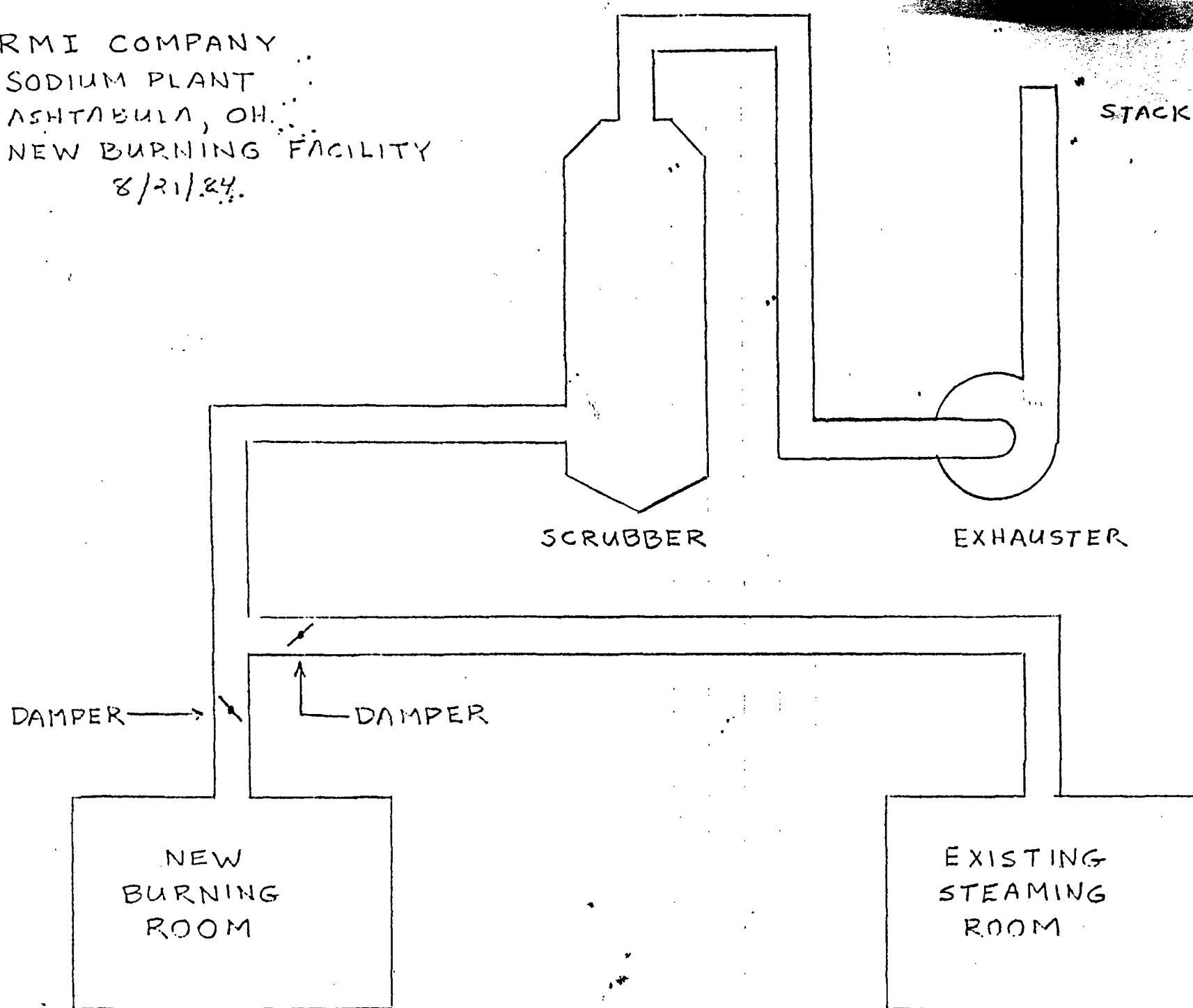


PREVAILING WIND DIRECTION

NON-RESIDENTIAL  
IN THIS DIRECTION  
(N.E. QUADRANT)



RMI COMPANY  
SODIUM PLANT  
ASHTABULA, OH.  
NEW BURNING FACILITY  
8/21/84.







## RMI Company

P. O. BOX 269  
1000 WARREN AVENUE  
NILES, OHIO 44446  
216/652-9951 TWX 810-436-2600

October 26, 1983

U. S. EPA  
Waste Management Branch  
230 South Dearborn Street  
Chicago, Illinois 60690

Attention: Mr. Jim Mayka

Subject: Modification of Part A, Form 3 of the Hazardous Waste  
Permit Application for the RMI Company - Sodium Plant

Dear Sir:

RMI Company - Sodium Plant (EPA I.D. Number OHD000810242) would like to submit at this time a modification to its Part A - Hazardous Waste Permit Application, which was initially filed on August 11, 1981. Specifically Item III, Line 3 and Item IV, Line 3 of Form 3 have been added.

The facility is requesting waste pile storage to be added to its TSD Facility Permit. The waste pile is used as temporary storage for the cell bath waste containing barium. The waste pile will be operated in compliance with 40CFR § 265.25.

If you have any questions or need additional information, do not hesitate to call.

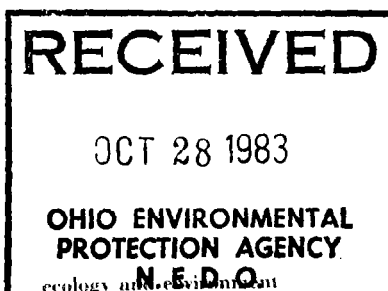
Sincerely,

A handwritten signature in cursive script that reads "Joe T. Holman".

Joe T. Holman  
Supervisor-Environmental Control

Enclosure

cc: Christine Frazier, OEPA ✓



EPA I.D. NUMBER (enter from page 1)

FOR OFFICIAL USE ONLY

0 H D 0 0 0 8 1 0 2 4 2 T/A C 1

W DUP

T/A C 2 DUP

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES							
				1. PROCESS CODES (enter)				2. PROCESS DESCRIPTION (If a code is not entered in D(1))			
1	D 0 0 3	8,000	P	T 0 4				Open burning of sodium/calcium residue			
2	D 0 0 3	16,000	P	T 0 4				Burning Room--Burning of sodium/calcium residue			
3	D 0 0 5	3,800,000	P	S 0 3							
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